



SPECIFICATION TYRE BEAD WIRE

| COATING MASS | | |
|-------------------|-----------------|-----------------|
| Coating | Bronze 1 | Bronze 2 |
| Coating Component | Cu>97% | Cu80.0-94.0 |
| Coating Thickness | Sn0.3-3.0 | Sn6.0-20,0 |
| Coating Thickness | 0.10+0.05 | 0.17+0.05 |

| MECHANICAL PERFORMANCE OF THE WIRE | | |
|------------------------------------|----------------------|--------------------|
| Diameter of steel wire (mm) | Normal tensile (MPa) | High Tensile (MPa) |
| ≥0.78-0.96 | 1900-2300 | 2150-2500 |
| ≥0.96-1.2 | 1850-2250 | 2050-2400 |
| ≥1.2-1.65 | 1750-2150 | 2050-2400 |
| ≥1.65-2.1 | 1500-2050 | 2050-2400 |

| Diameter of steel wire (mm) | Diameter of steel wire (MPa) | Elongation at breaking (%) not less than | (Torsions/360°) not less than |
|-----------------------------|------------------------------|--|-------------------------------|
| Normal tensile(MPa) | <1.00 | 50 | 5 |
| | ≥1.00-1.30 | 25 | 5 |
| | ≥1.30-1.42 | 22 | 5 |
| | ≥1.42 | 20 | 5 |
| High tensile(MPa) | <1.00 | 50 | 5 |
| | ≥1.00-1.82 | 20 | 5 |
| | ≥1.82 | 15 | 5 |